

**From:** Gano, Kenneth A (Ken)  
**Sent:** Wednesday, February 28, 2001 8:39 AM  
**To:** Zeisloft, Jamie; Doctor, Pamela G; Roeck, Frederick V  
**Cc:** Teel, Darci D; Goldberg, Glenn I  
**Subject:** RE: Horseshoe Landfill Soil Sampling

According to Rickard's study on biomass, they measured root biomass every 10 cm down to 80 cm. They found that 20 cm contained 41% of the root biomass; 30 cm = 52%; 40 cm = 65%; 50 cm = 75%; 60 cm = 85%; 70 cm = 93%. If I were to pick one, I would say 50 cm (20 in.) would be a good depth because it is likely that most of the forb roots would be in that zone.

Ken

-----Original Message-----

**From:** Zeisloft, Jamie  
**Sent:** Tuesday, February 27, 2001 5:52 PM  
**To:** Gano, Kenneth A (Ken); Doctor, Pamela G; Roeck, Frederick V  
**Cc:** Teel, Darci D; Goldberg, Glenn I  
**Subject:** Horseshoe Landfill Soil Sampling

Folks,

I just thought of something. We discussed Horseshoe Landfill soil sampling at a depth of 0-12 inches. That was based on insect exposure (i.e. eco risk). But we're also looking at human ingestion of forbs that uptake DDT. I'm thinking that uptake isn't restricted to the top 12 inches. Am I wrong? If not, how deep would we have to go to adequately assess forb uptake and transfer?

Jamie